



8020

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HALF-WAVE HIGH-VACUUM RECTIFIER

DATA

Electrical:

Filament, Thoriated Tungsten:

Voltage 5 volts
Current 5.5-6.5 amp
Direct Interelectrode Capacitance:
Anode to Filament . . . 1.4 μf
Tube Voltage Drop
at 100 ma. 200 volts

Mechanical:

Mounting Position Vertical, Base Down
Overall Length 7-1/2" $\pm$ 1/2"
Maximum Diameter 2-5/16"
Bulb T-18
Cap. Medium
Base Medium 4-Pin, Bayonet

RECTIFIER SERVICE

Maximum Ratings, Absolute Values:

PEAK INVERSE ANODE VOLTAGE 40000 max. volts
PEAK ANODE CURRENT 750 max. ma.
AVERAGE ANODE CURRENT 100 max. ma.

SURGE - LIMITING DIODE SERVICE

Maximum Ratings, Absolute Values:

FILAMENT VOLTAGE 5.8 max. volts
PEAK FORWARD ANODE VOLTAGE 12500 max. volts
AVERAGE ANODE DISSIPATION 75 max. watts

Typical Operation:

Filament Voltage 5.5 . . volts
Peak Forward Anode Voltage 10000 . . volts
Minimum Peak Anode Current 2 . . amp

MAY 1, 1946

TUBE DIVISION
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

TENTATIVE DATA

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HALF-WAVE HIGH-VACUUM RECTIFIER

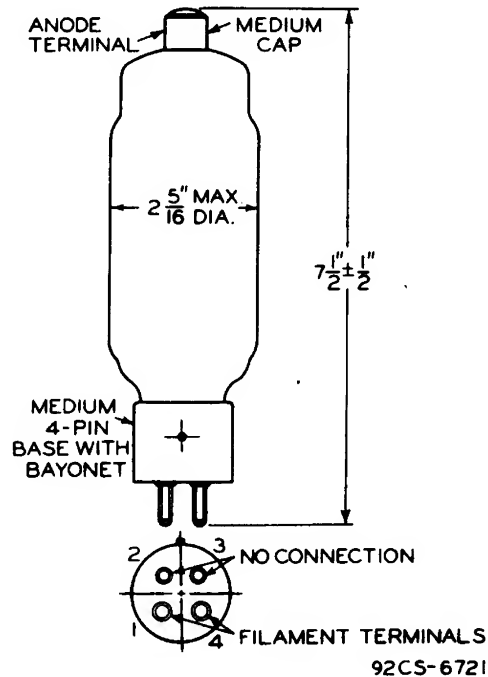
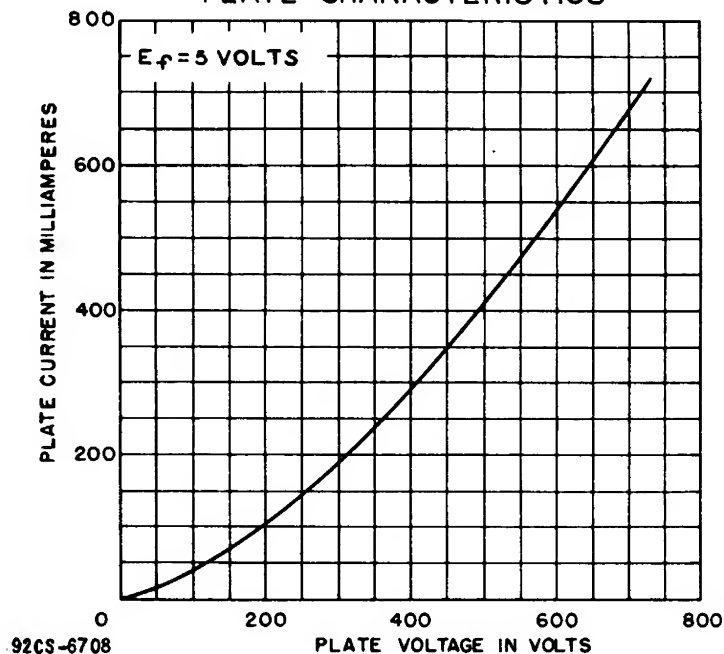


PLATE CHARACTERISTICS



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RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

CE-6721-6708